

Fig. 1

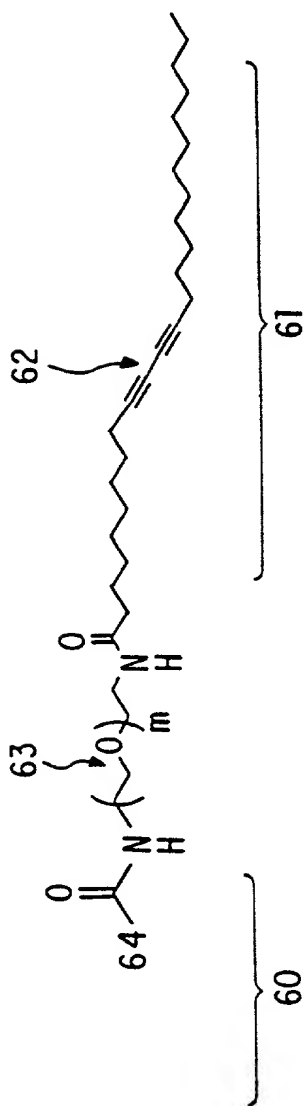


Fig. 3

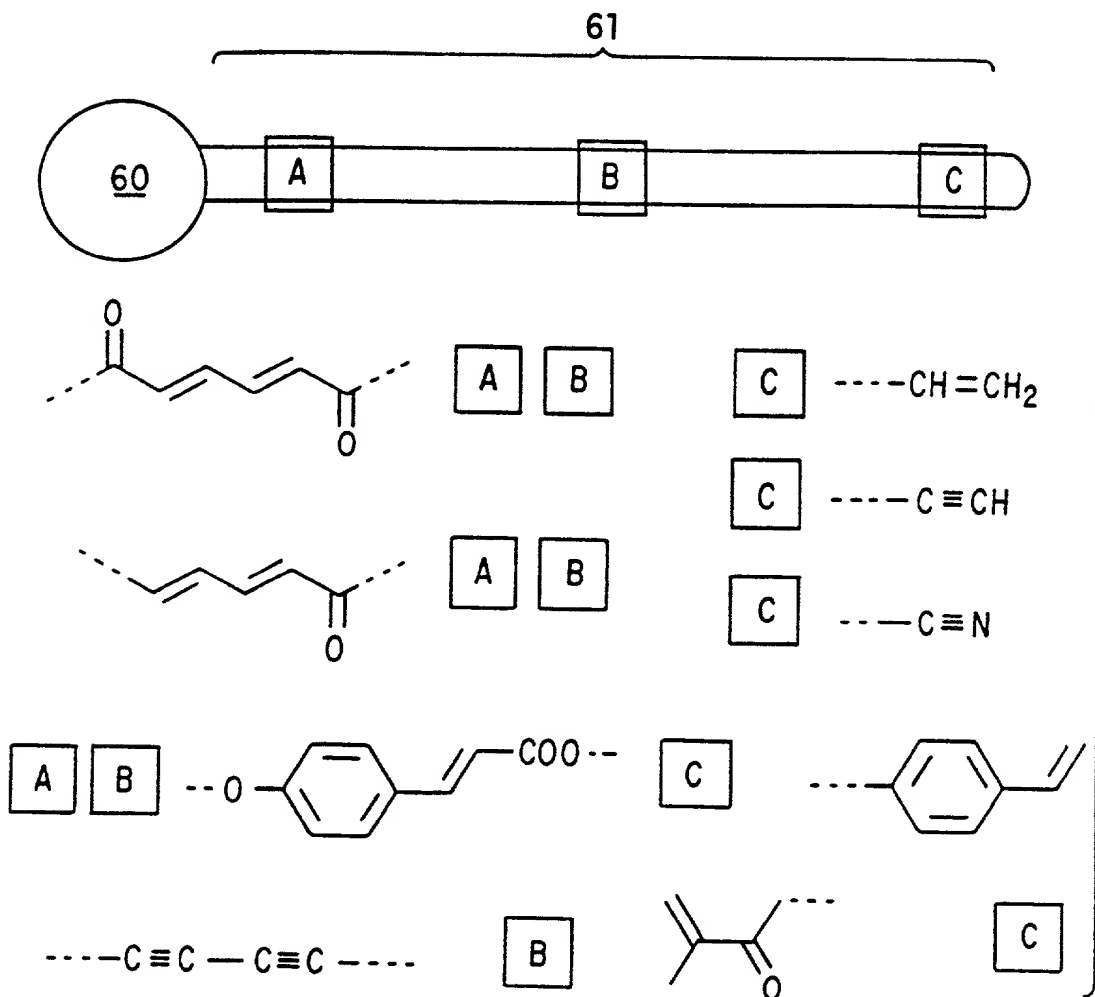


Fig. 2

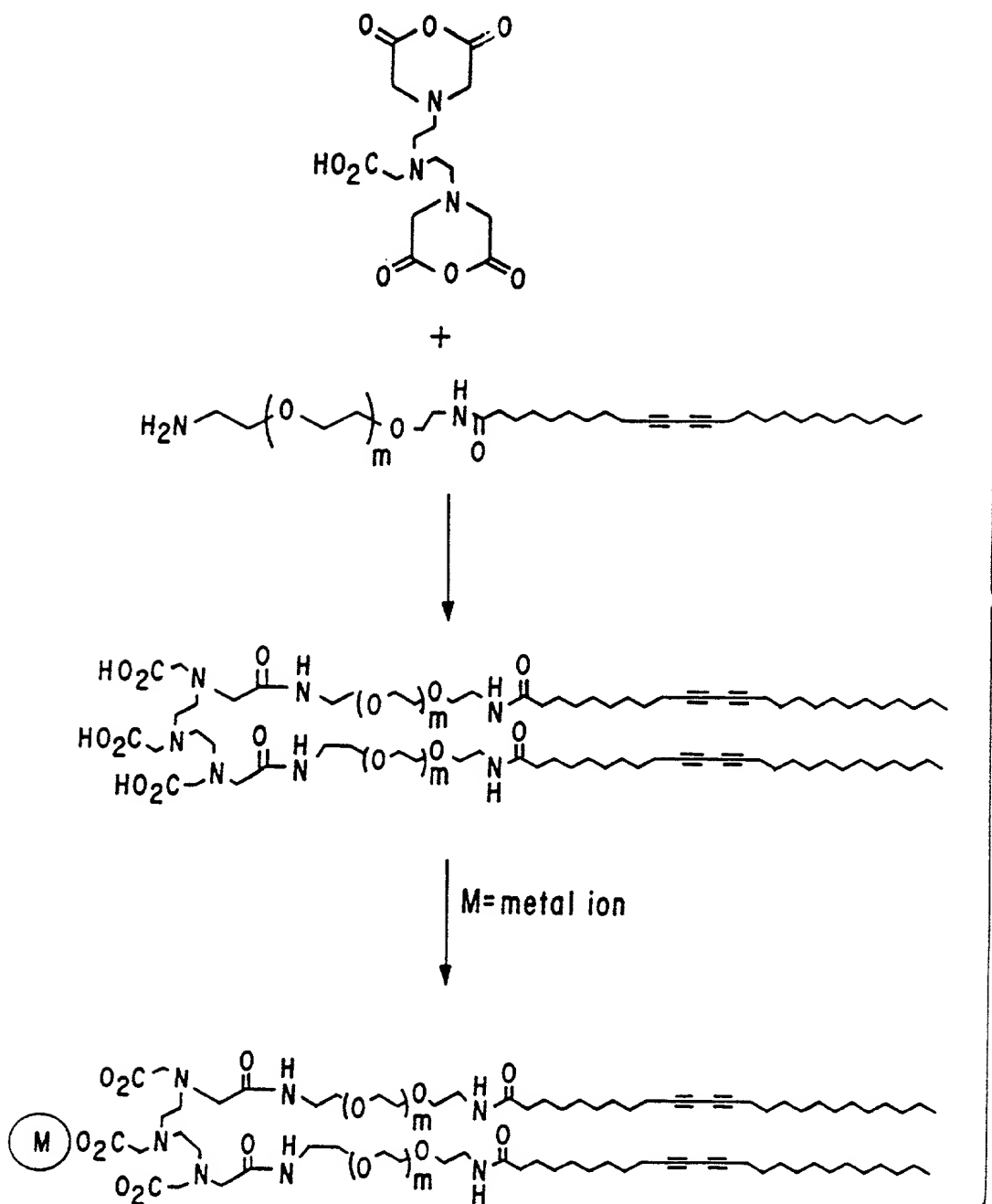


Fig. 4

Fig. 5

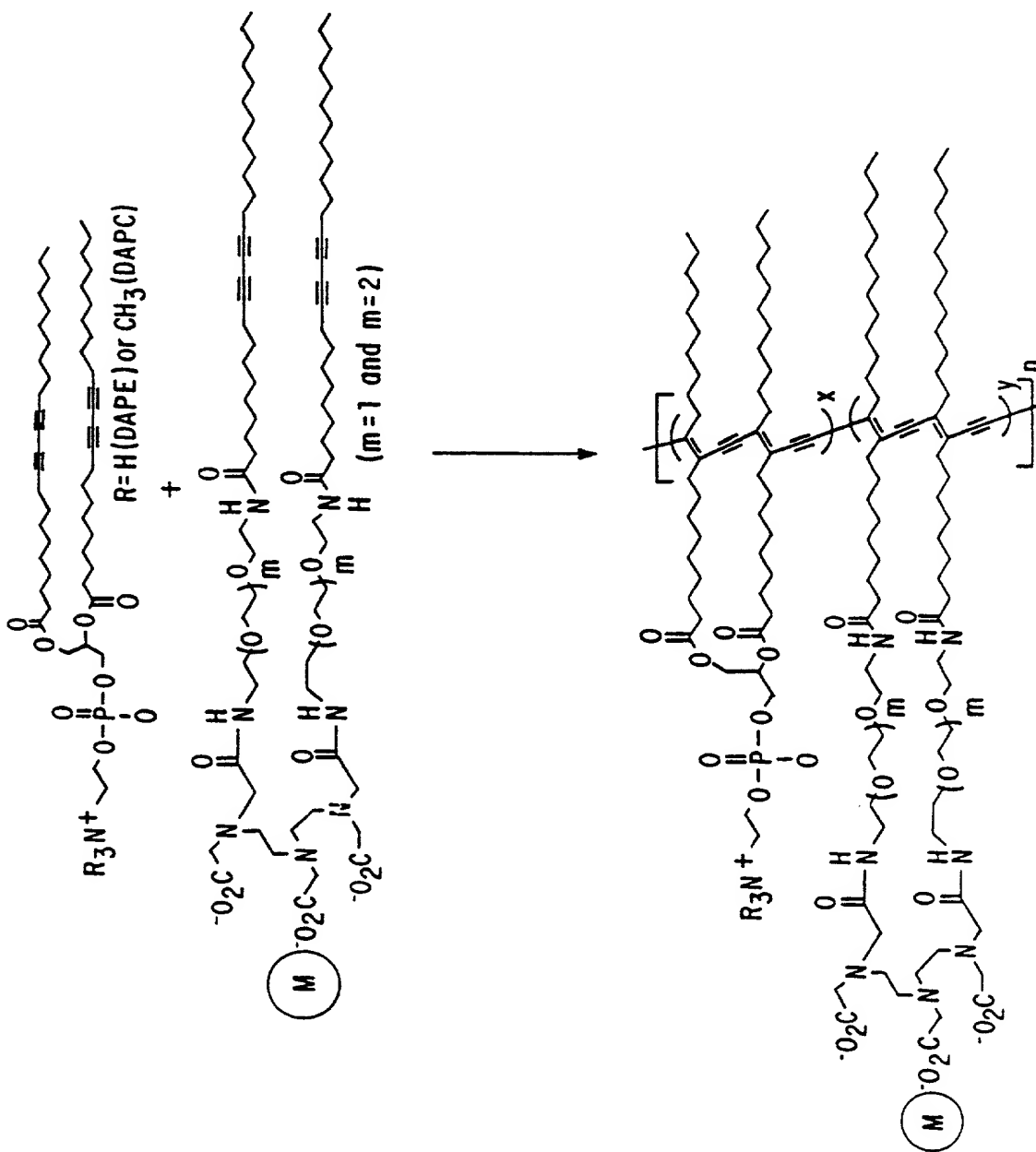
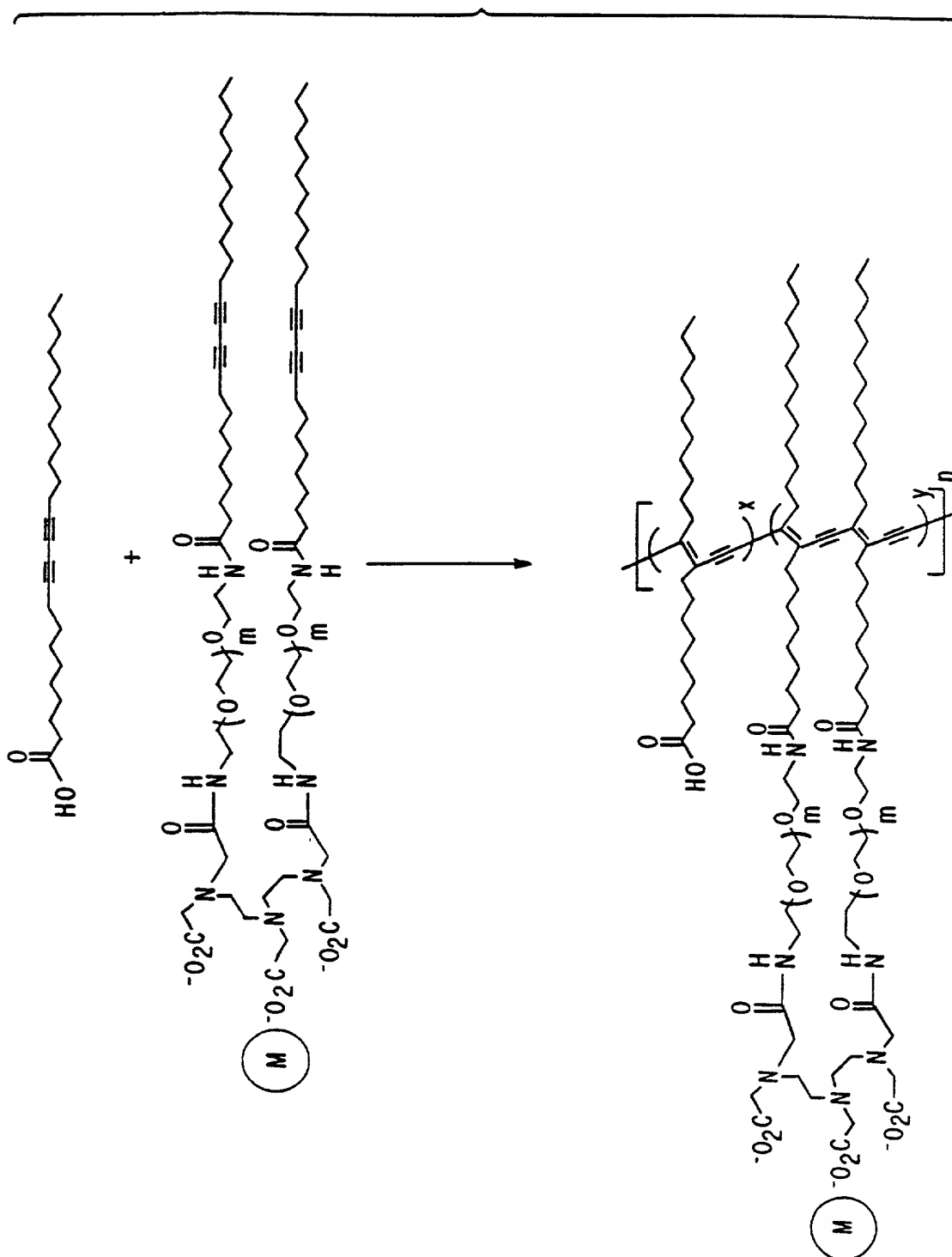


Fig. 6



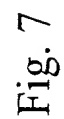


Fig. 7

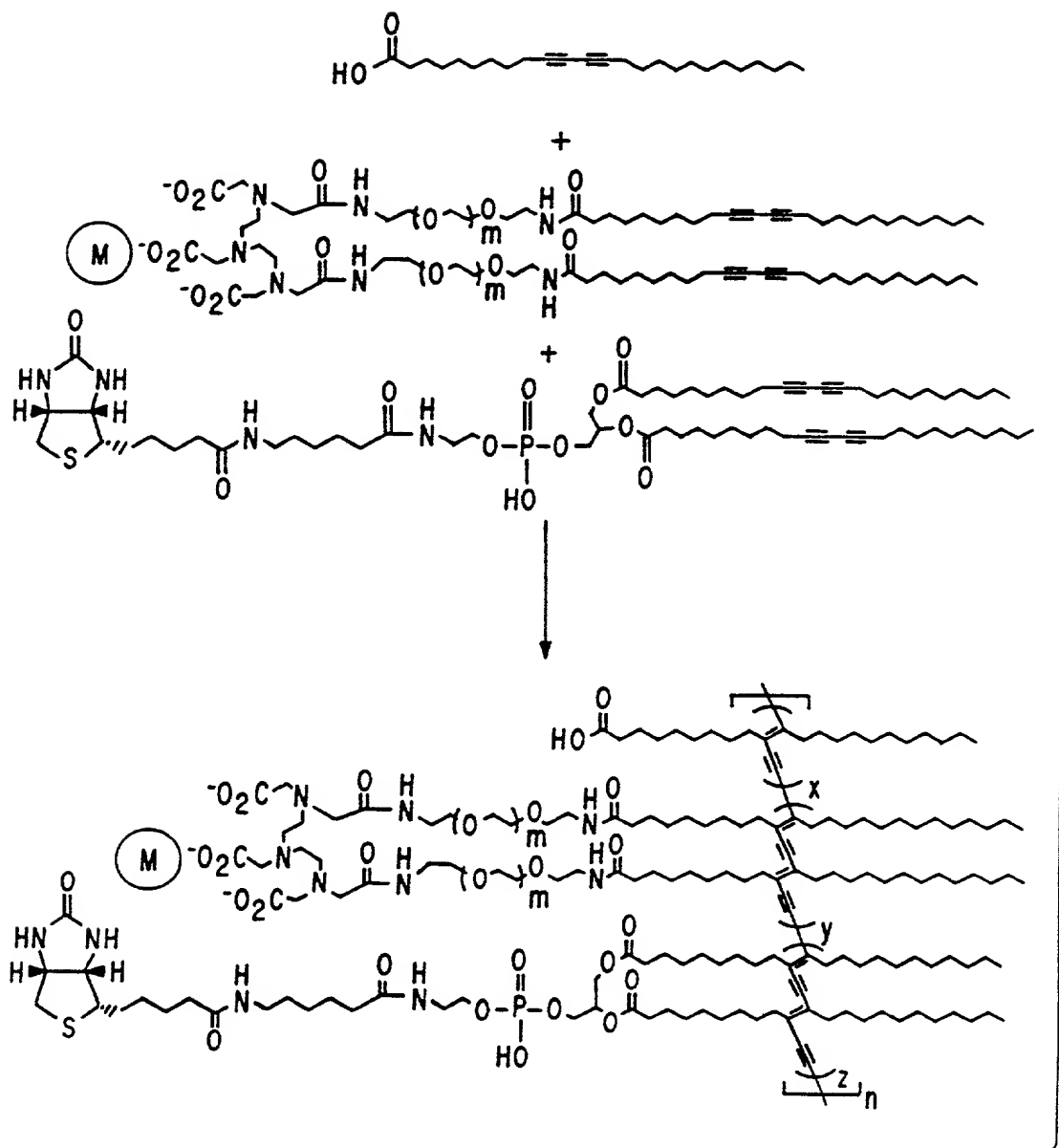


Fig. 8

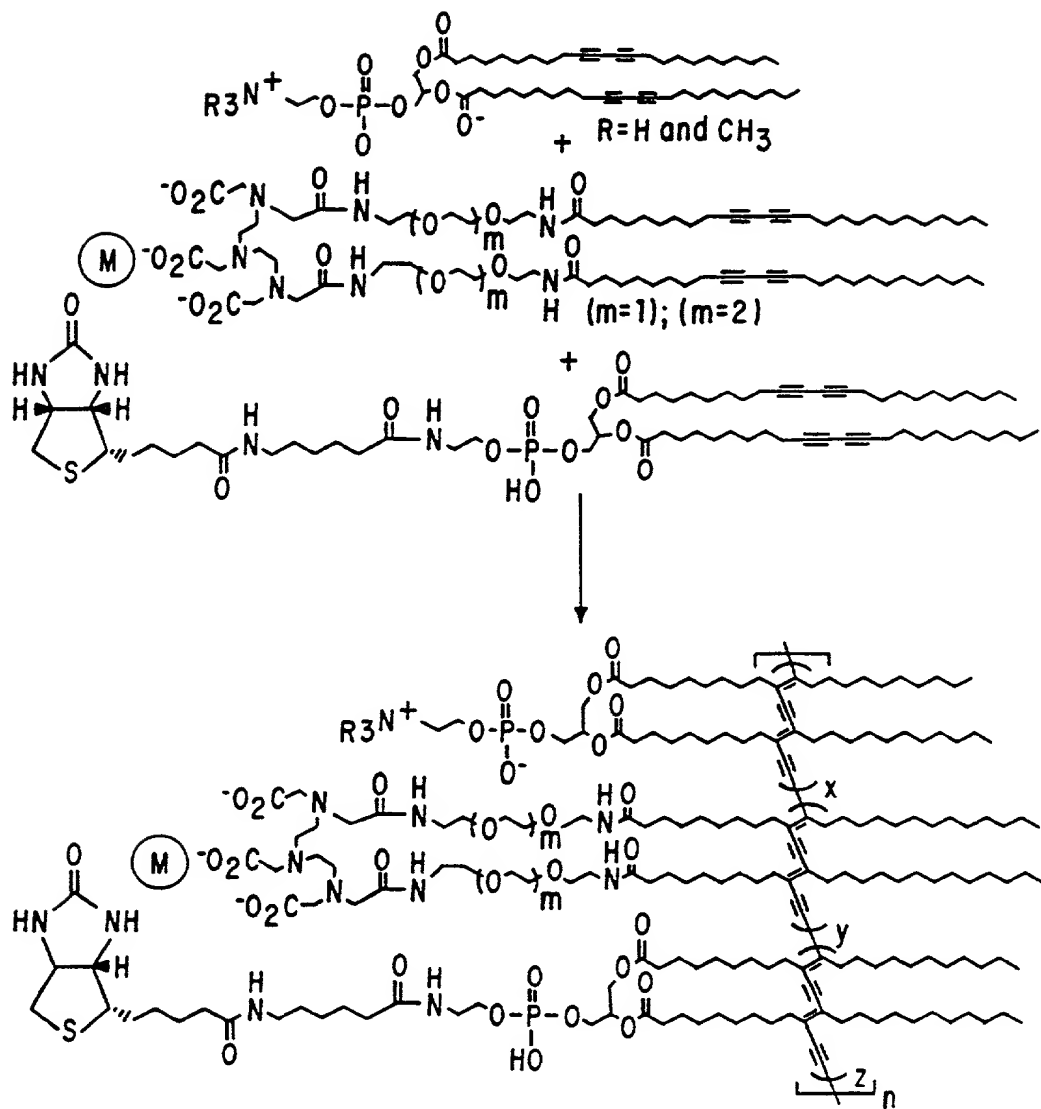
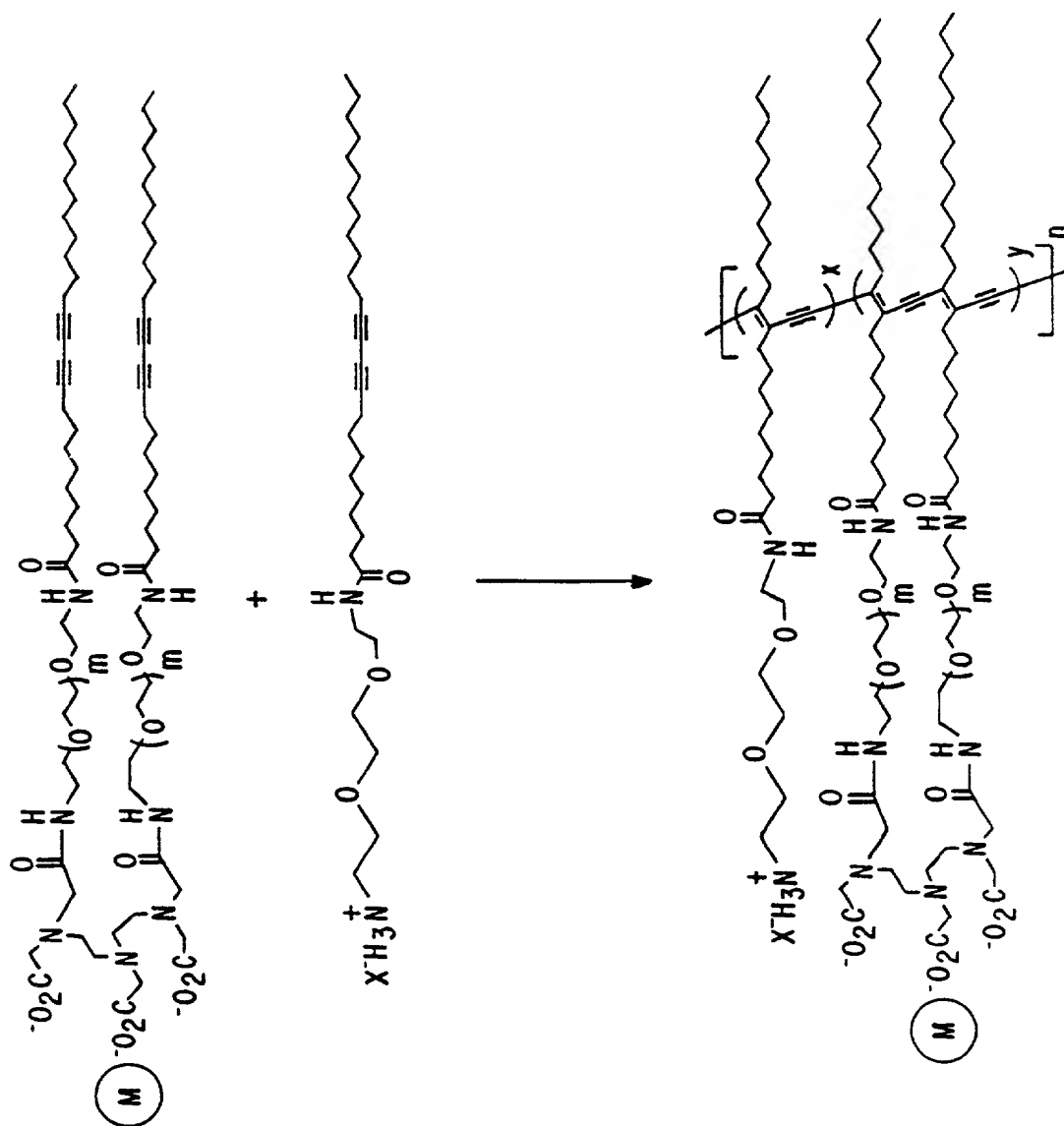


Fig. 9



Fig. 10



Chemical reaction scheme showing the synthesis of a poly(alkyne) from a diacid chloride and a diamine. The diacid chloride is a long-chain molecule with a terminal carboxylic acid group and an internal alkyne group. The diamine is a long-chain molecule with two terminal amine groups and an internal alkyne group. The reaction is catalyzed by a metal M. The product is a poly(alkyne) with a long-chain side group containing a terminal carboxylic acid group and an internal alkyne group.

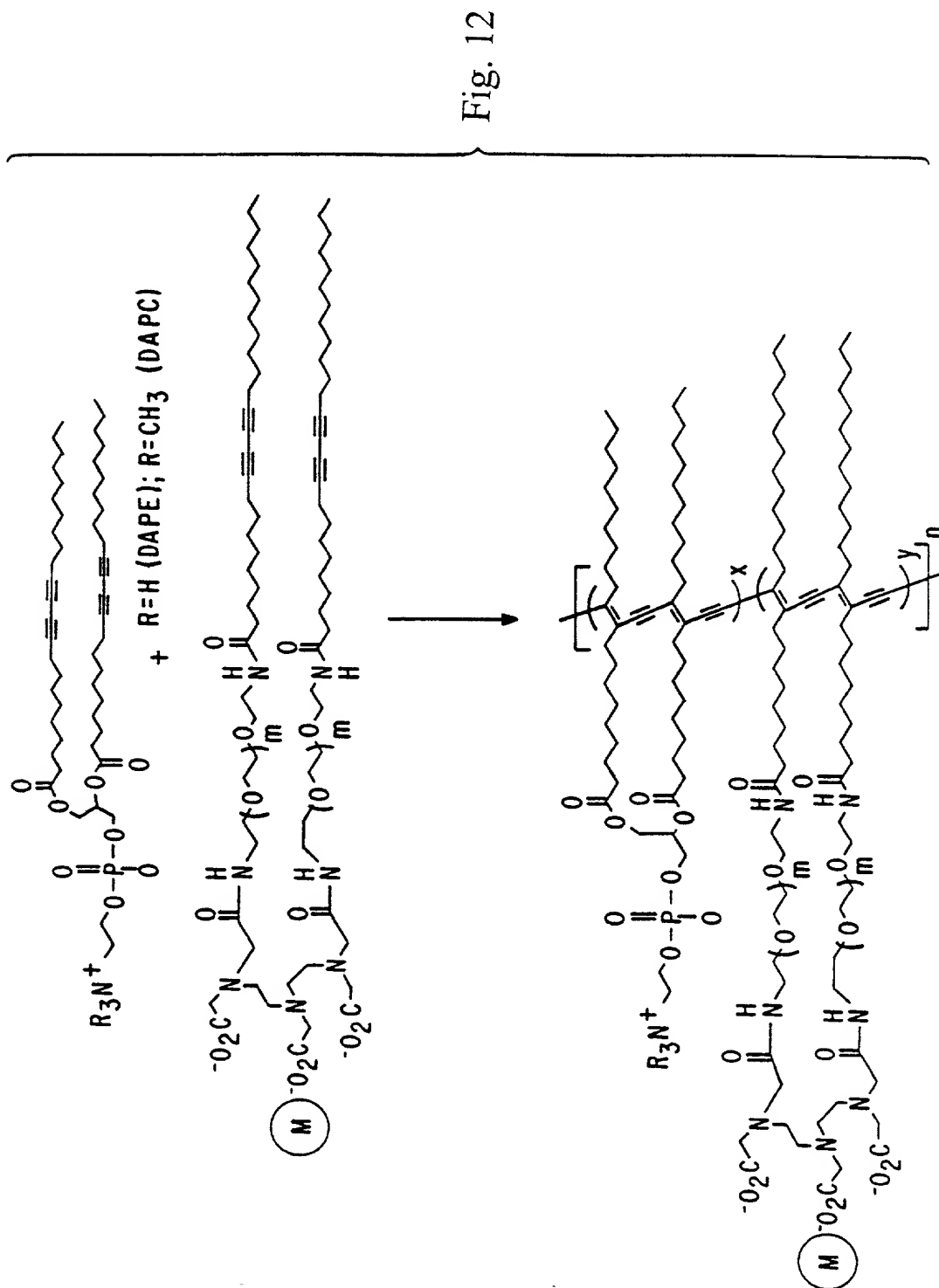
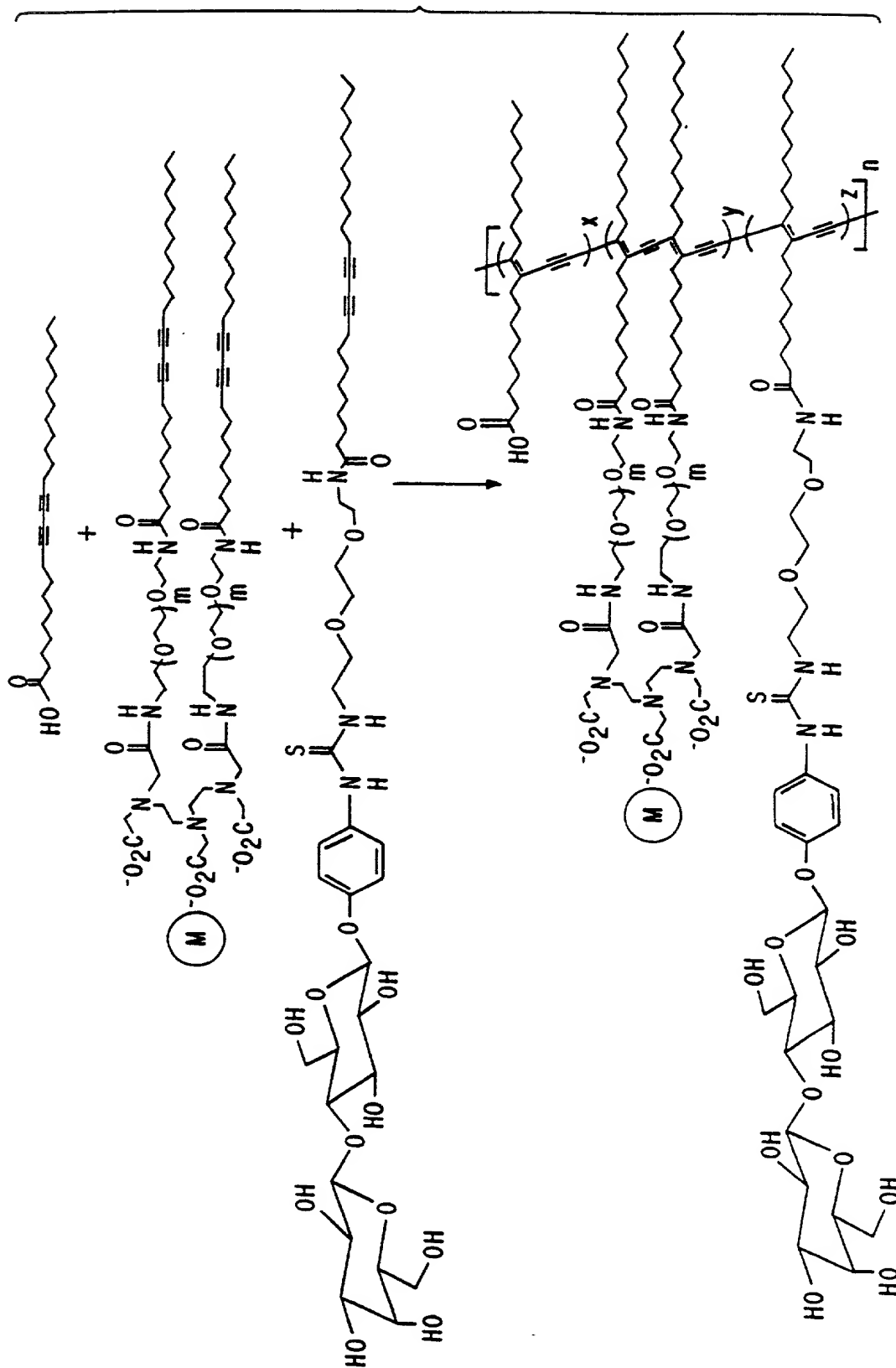
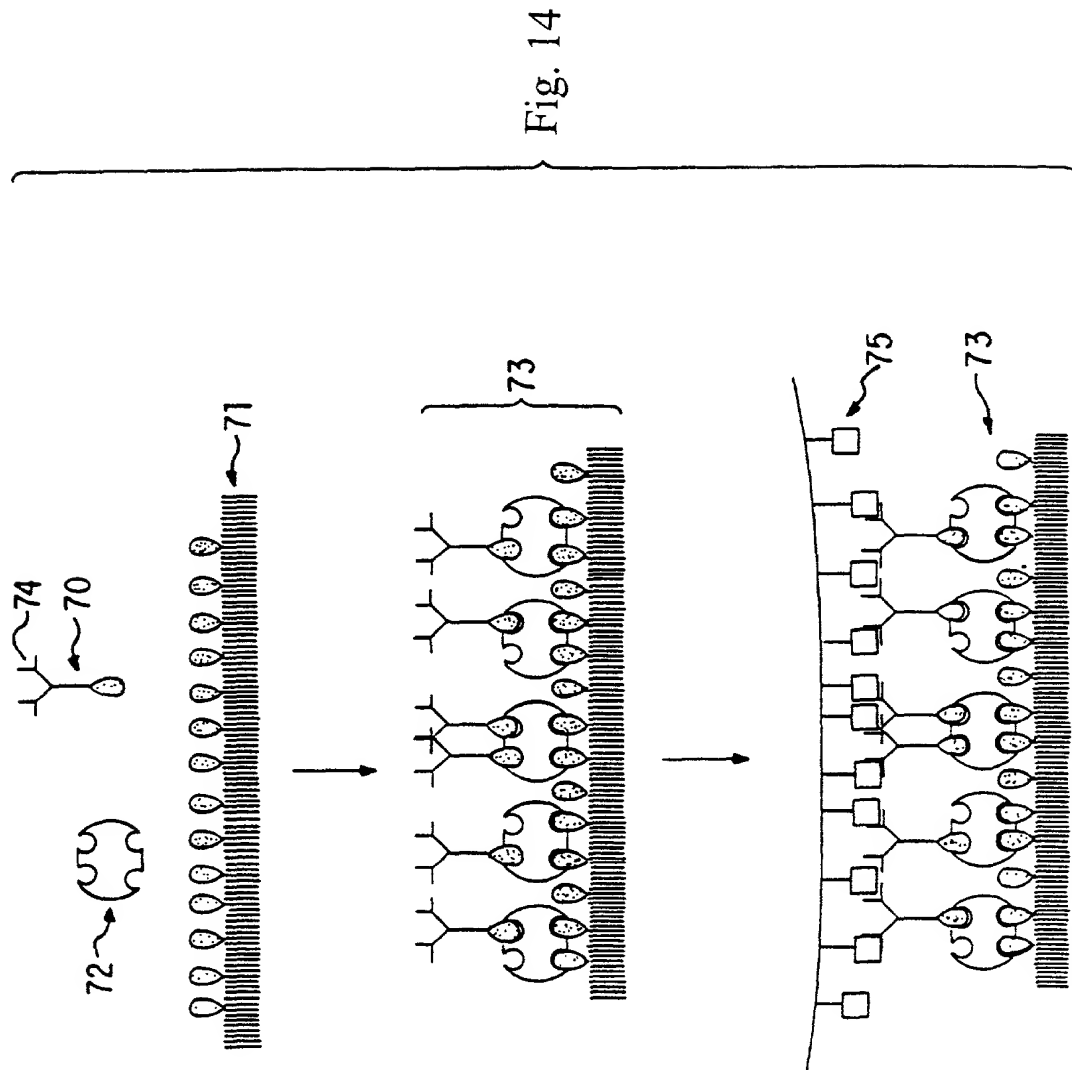


Fig. 13





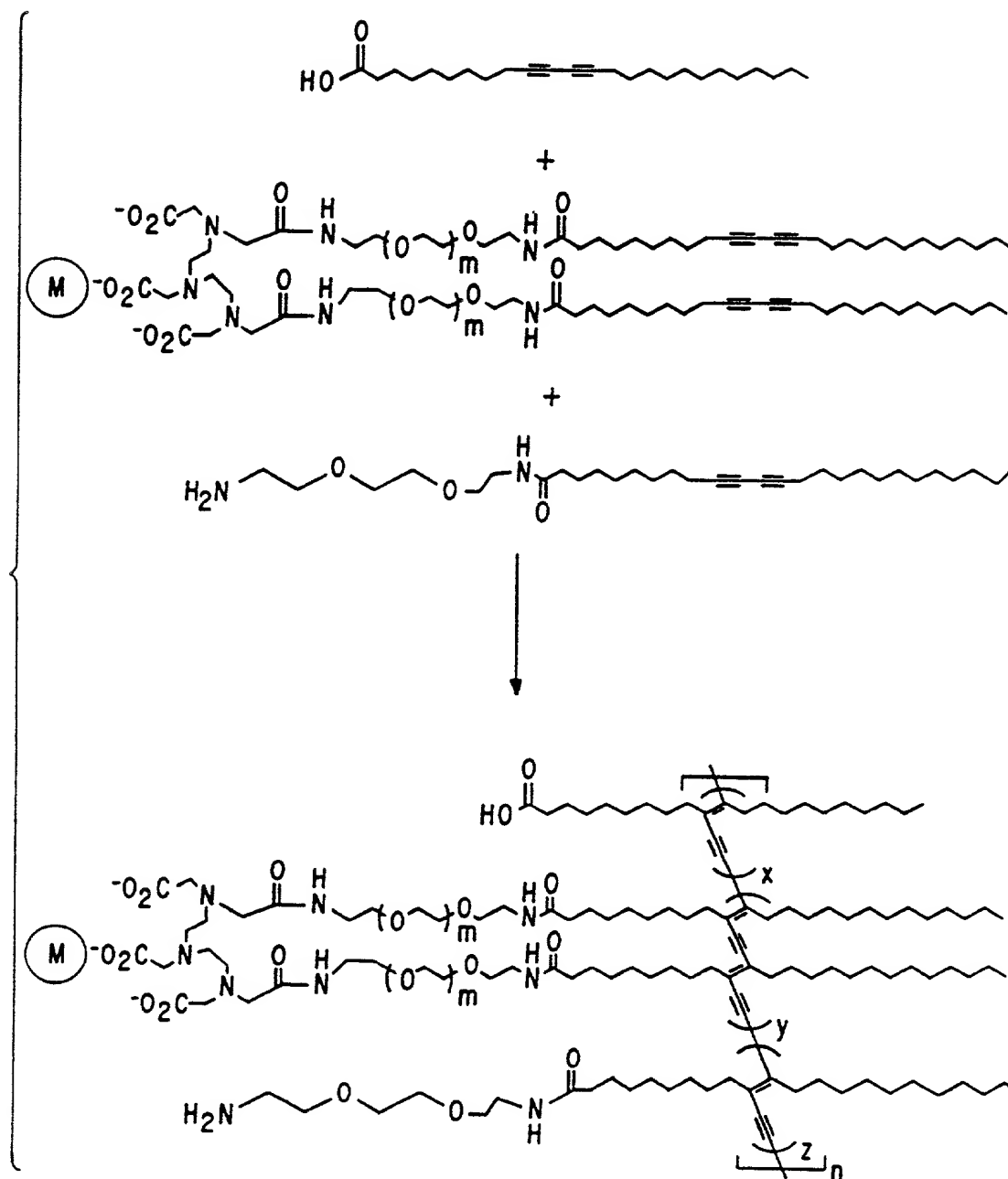


Fig. 15

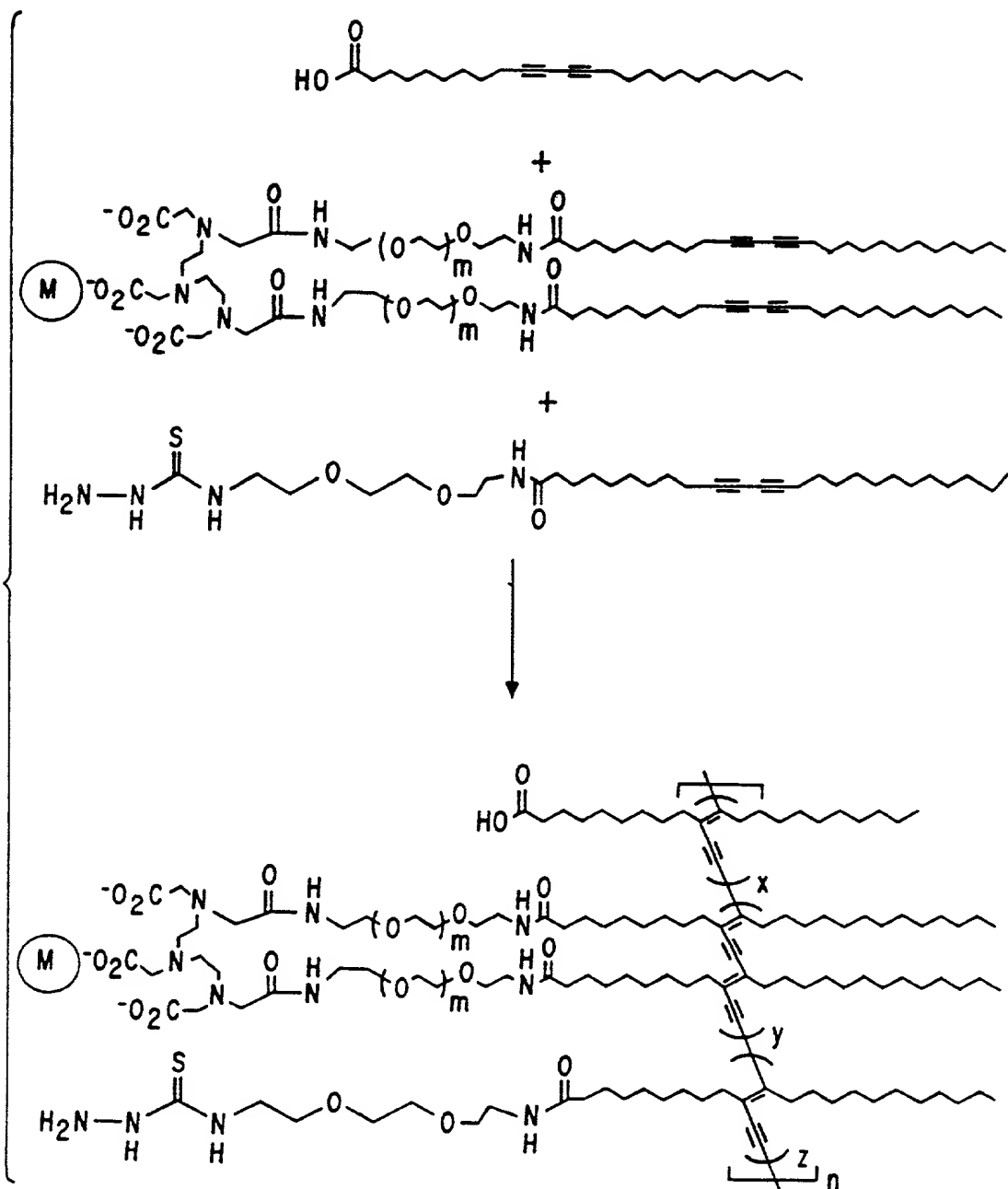


Fig. 16

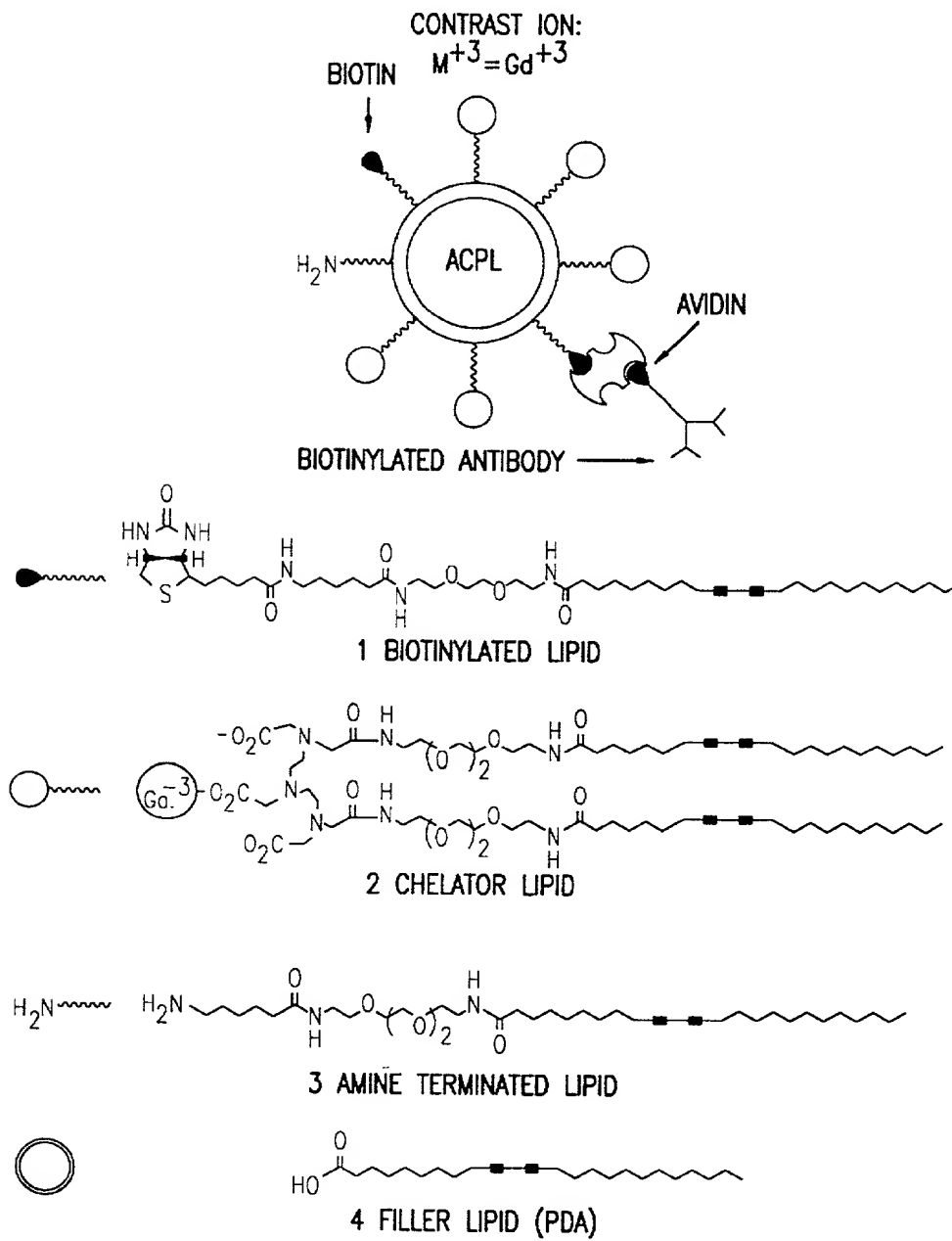


Fig. 17



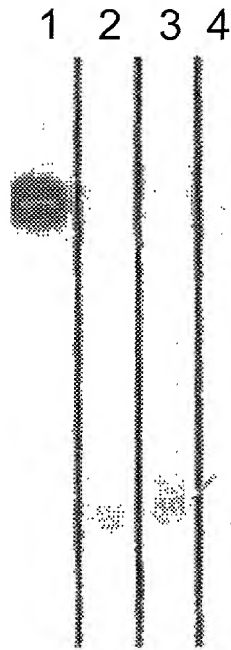


Fig. 18

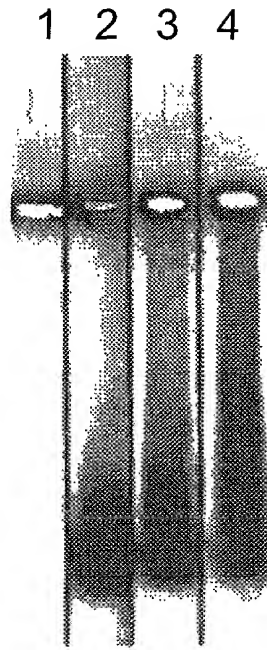


Fig. 19

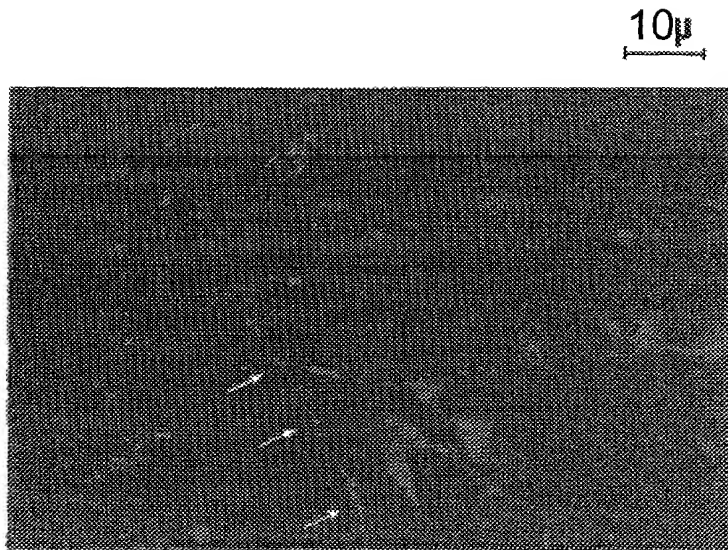


Fig. 20

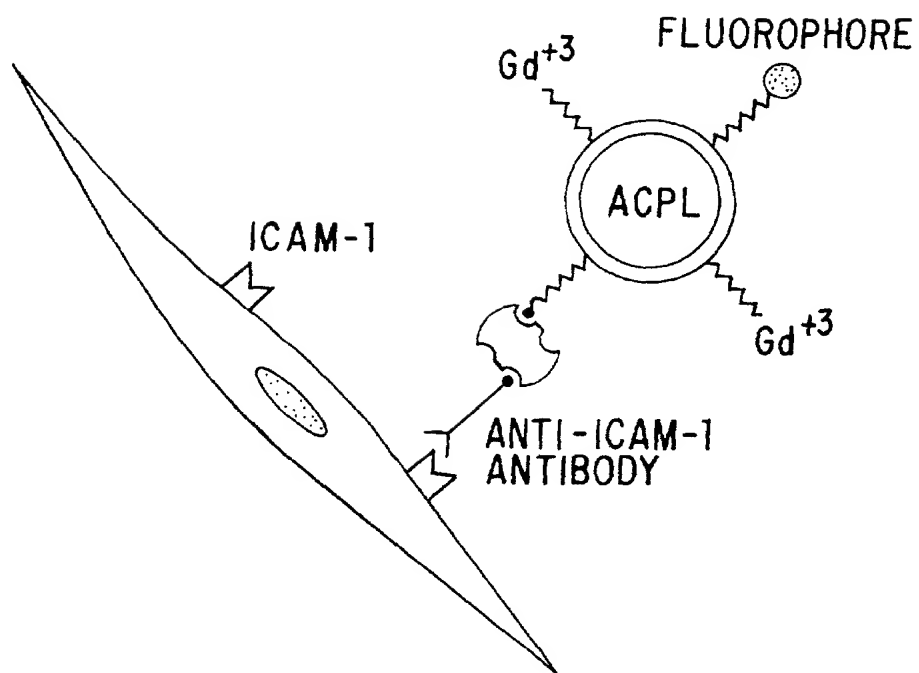


Fig. 21

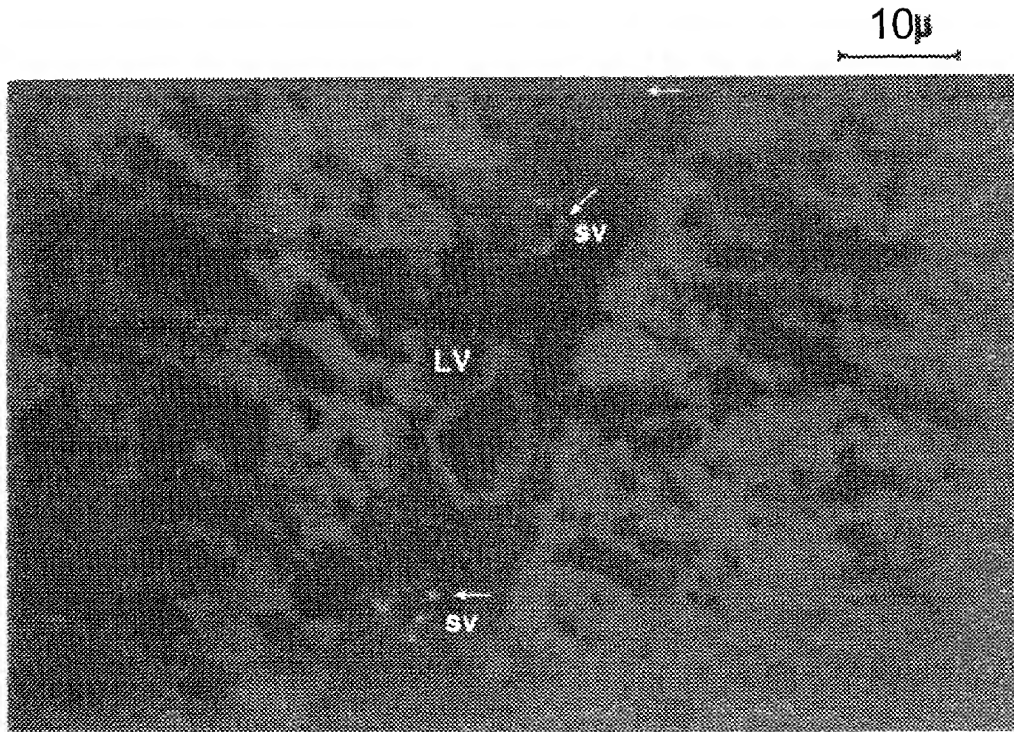


Fig. 22

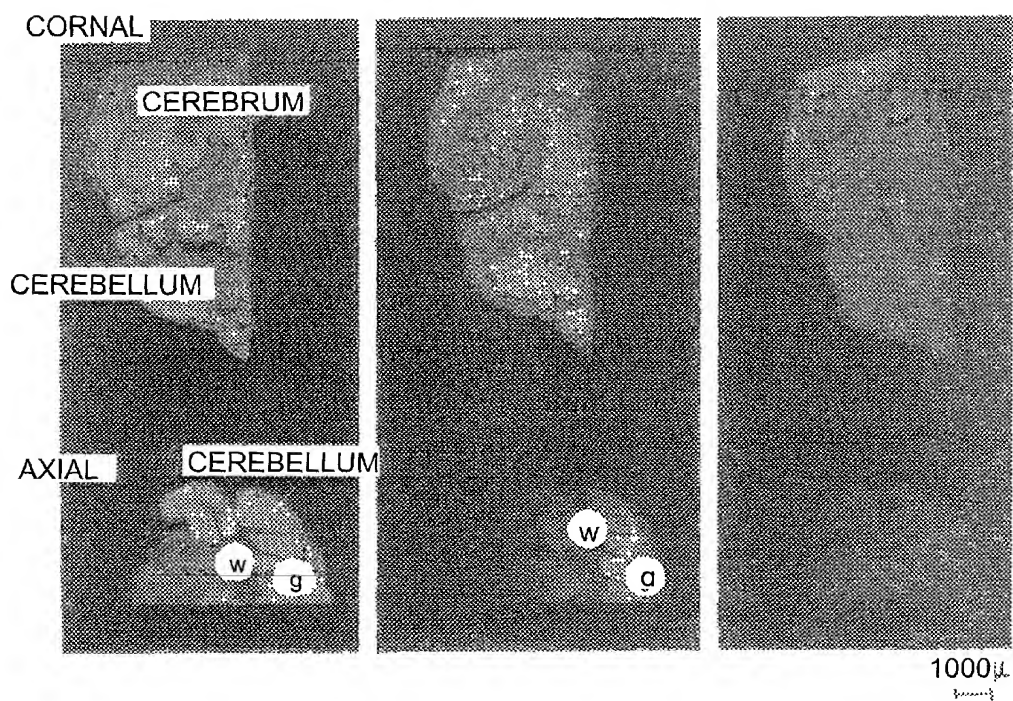


Fig. 23

Fig. 24

Fig. 25

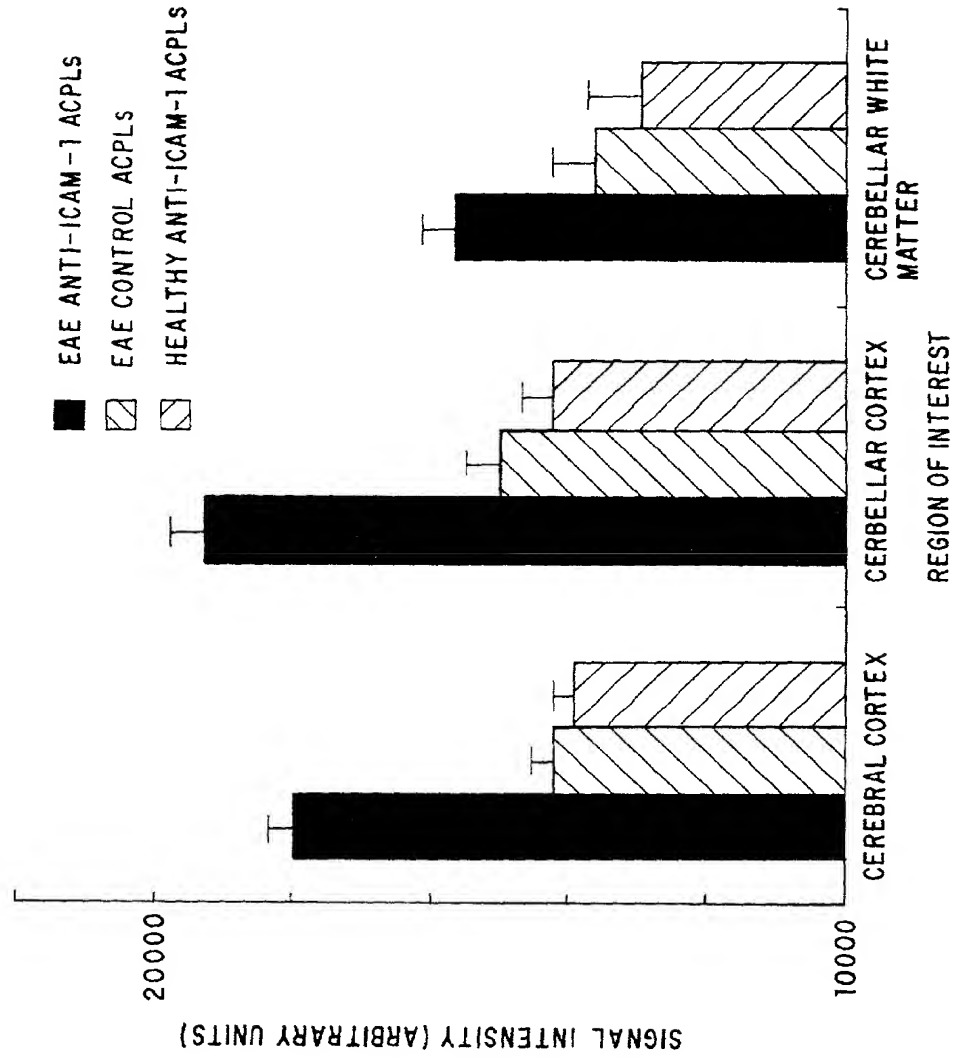


Fig. 26

Figure 27a

LM609-PV

Pre (A)

Post (B)

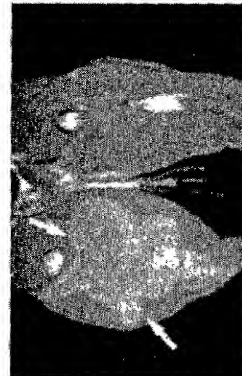
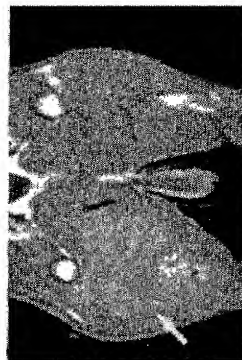


Figure 27b

Isotype-matched Mab-PV

Pre (C)

Post (D)

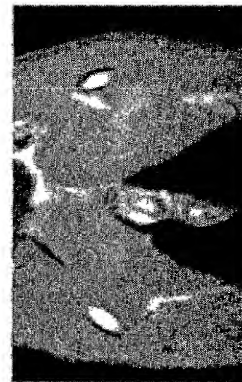


Fig. 28

A

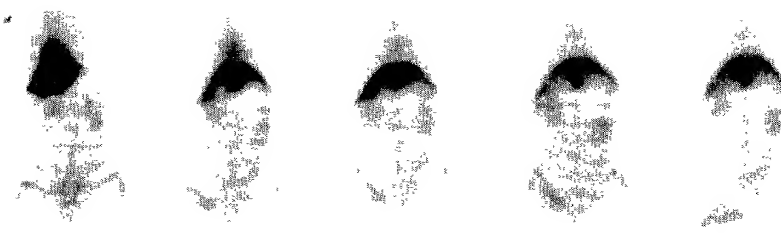
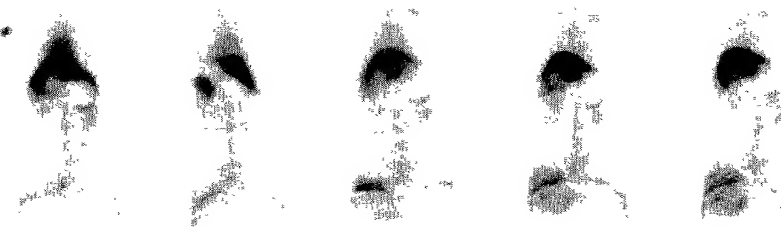


Fig. 28

B



0

8 h

24 h

48h

72h



Fig. 29



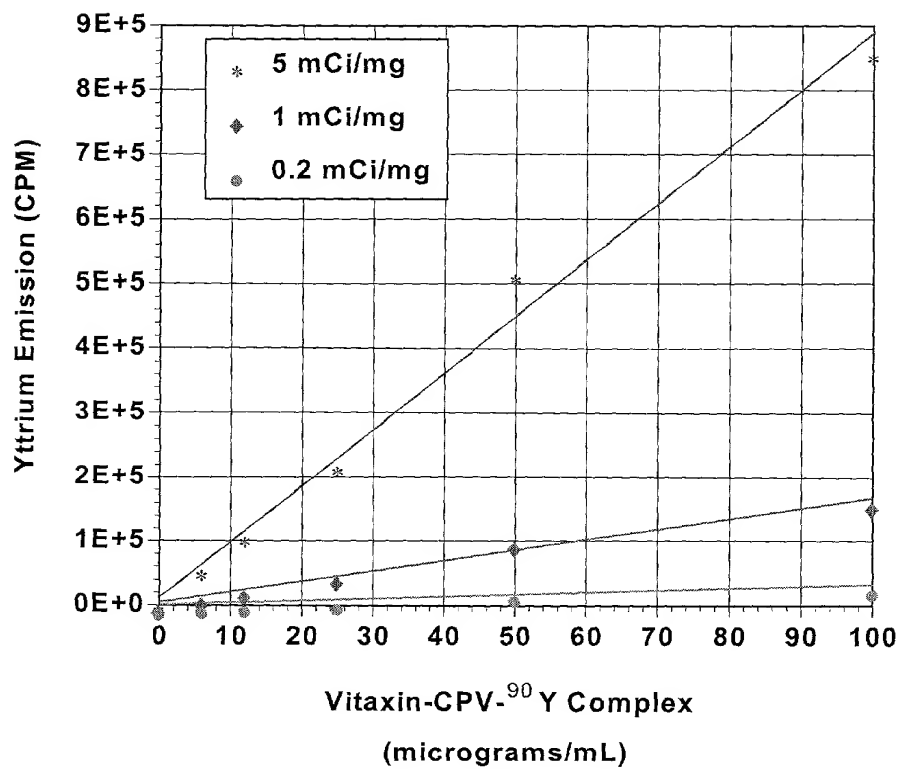


Fig. 30

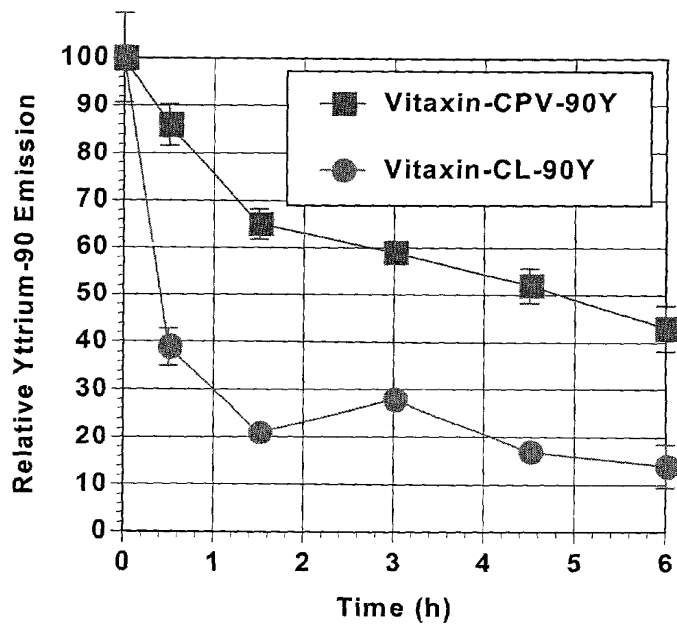


Fig. 31

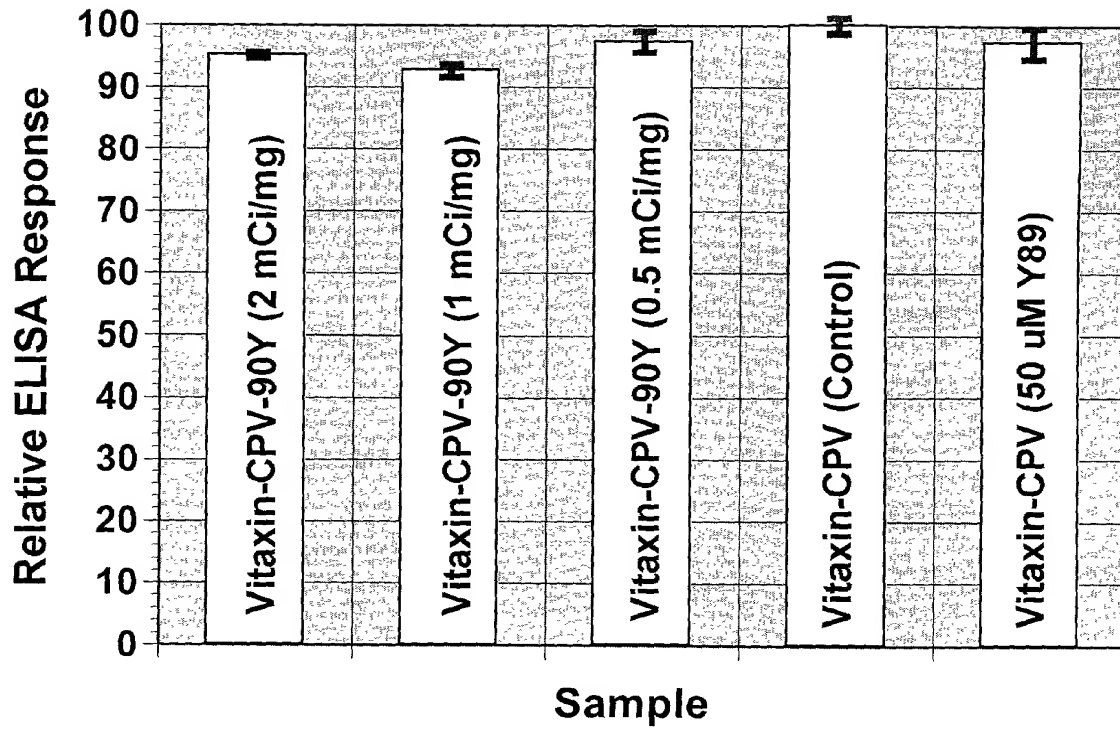


Fig. 32